

ArcelorMittal Gipuzkoa, S.L.U.

Long Carbon Europe

CARRETERA MADRID - IRUN, KM. 419

20212 OLABERRIA (Guipúzcoa)

TELEF. (943) 80.50.00 - FAX (943) 88.04.04



ArcelorMittal

## MILL TEST CERTIFICATE

BER P-19819

DISCHARGE ADDRESS		CUSTOMER	
Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO		Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-O Col. S. Francisco Chilpan, Tul MEXICO	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELORMITTAL BERGARA C/IBARRA, 6 20570 BERGARA (Guipúzcoa) TELEF. (943) 76.19.40 - FAX (943) 765243			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		VERACRUZ	ASIABORG
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
AICORRALIZA	06-E-36724 / 1700014549	12695	31/05/2012

## WIDE FLANGE BEAMS

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
+ / RED							
WF BEAMS 6x9	40'	19	21	399	3386	64.340	321733,321734,321735
WF BEAMS 6x12	40'	3	18	54	3913	11.740	321866

TOTAL BUNDLES 22

TOTAL WEIGHT 76.080 Kg.

A02 EN 10204/3.1		CSA G40.21 50W/ASTM A572 G50/A992/A6													(B01/B02/B03) A03	
COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)															
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV			
B03 321733	,117	,697	,160	,030	,017	,026	,143	,140	,026	,436	,000	,026	,31			
321734	,117	,705	,197	,023	,024	,030	,141	,156	,030	,463	,000	,028	,32			
321735	,117	,697	,171	,020	,017	,027	,152	,156	,032	,460	,000	,023	,32			
321866	,128	,691	,200	,010	,026	,027	,057	,138	,028	,381	,000	,027	,30			
MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES														
		ReH MPa	Rm MPa	A% L0=2"												
B11 W-6x12	B03 321866	C11 390	C12 384	C13 521	C13 519	C13 32,3	C13 31,4									
W-6x9	321733	418	405	527	523	33,6	33,4									
W-6x9	321734	395	389	524	513	34,6	34,3									
W-6x9	321735	411	400	529	518	35,9	35,									

## 4 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.

B06: Marca AMB

Z01

Sebastián Jauregi